

In the Claims:

1 (Currently Amended) Apparatus for the reception of data transmitted to the apparatus over any of a range of radio frequency signals within a known frequency band or bands, ~~said the~~ radio frequency signal selectable by the apparatus in response to a user selection of a television or radio channel to be generated by the apparatus from the received data, said apparatus ~~including~~ comprising:

a tuner to tune to the selected radio frequency signal ~~and characterised in that the~~ wherein a bit error rate output of the data carried by the selected radio frequency signal is monitored; and;
~~if the said bit error rate exceeds, during reception, a predefined bit error rate limit,~~ a control means ~~for introducing~~ introduces an offset frequency value for the selected radio frequency signal if the bit error rate exceeds, during reception, a predefined bit error rate limit and the apparatus is then operated to tune to a frequency equivalent to the selected radio frequency signal plus or minus ~~said the~~ offset frequency value.

2. (Currently Amended) Apparatus according to claim 1 ~~characterised in that~~ wherein upon re-tuning to the frequency including the offset frequency value, the bit error rate is monitored and if the bit error rate value is within the predefined bit error rate limit the tuner continues to tune to the frequency value including the offset frequency value.

3 (Currently Amended) Apparatus according to claim 1 ~~characterised in that~~ wherein the predefined bit error rate limit is $2e-04$.

4. (Currently Amended) Apparatus according to claim 1 ~~characterised in that the~~ wherein said tuner is controlled to tune to radio frequencies within the ~~DVB-IF~~ digital video broadcasting intermediate frequency band for satellite tuners.

5 (Currently Amended) Apparatus according to claim 1 ~~characterised in that~~ wherein the bit error rate of the selected radio frequency signal is caused to exceed the predefined bit error rate limit by interference caused by any or any combination of ~~GSM or DECT~~ global system mobile communication or digital enhanced cordless telecommunication devices, ~~WLAN~~ wireless local area network devices and/or devices which operate in the surrounding environment at a relatively close radio frequency to the selected radio frequency.

6. (Currently Amended) Apparatus according to claim 1 ~~characterised in that the~~ wherein said apparatus includes at least one low noise block down-converter LNB.

7. (Currently Amended) Apparatus according to claim 6 ~~characterised in that~~ wherein upon receiving a selected radio frequency signal and the bit error rate exceeding the predefined bit error rate limit, ~~the LNB~~ said low noise block down-converter is controlled to move from receiving a selected radio frequency signal within a low band frequency range to receiving a frequency located in a high band frequency range or vice versa.

8. (Currently Amended) Apparatus according to claim 6 ~~characterised in that the LNB~~ wherein said low noise block down-converter is multiband or programmable and, upon the bit error rate of

a selected frequency signal exceeding the predefined bit error rate limit, ~~the LNB~~ said low noise block-down converter is controlled to receive a frequency equivalent to the selected radio frequency signal plus or minus a fixed offset frequency value.

9. (Currently Amended) Apparatus according to claim 6 ~~characterised in that~~ wherein upon the bit error rate of a selected frequency signal exceeding the predefined bit error rate limit, another ~~LNB~~ low noise block down-converter frequency range band is used whilst maintaining the requirement of using an ~~intermediate~~ frequency band between 950MHz to 2150MHz.

10. (Currently Amended) Apparatus according to claim 1 ~~characterised in that~~ wherein the offset frequency value is initially set at a first value and added or subtracted from the original frequency and the apparatus re-tuned to the new frequency.

11. (Currently Amended) Apparatus according to claim 10 ~~characterised in that~~ wherein if the bit error rate still exceeds the predefined level then successive increases in the offset value are made, ~~the~~ said apparatus re-tuned and the bit error rate re-checked at each increase and this is continued until the bit error rate is at or below the predefined bit error rate limit.

12. (Currently Amended) Apparatus according to claim 1 ~~characterised in that the~~ wherein said apparatus includes a broadcast data receiver provided to receive the data on the selected radio frequency signal, decode the same and use the data to generate video and /or audio for the selected television or radio channel to which the selected radio frequency is related.

13. (Currently Amended) Apparatus for the reception of data, ~~said data being~~ transmitted to the apparatus at a range of radio frequency signals within a known frequency band or bands, ~~said the~~ radio frequency signals selectable by the apparatus in response to a user selection selecting, said apparatus ~~including comprising~~:

a tuner to tune to the selected signal and wherein the bit error rate output is monitored and, if the said bit error rate exceeds, during operation, a predefined limit, the apparatus introduces an offset to the required frequency and tunes to the wanted frequency plus or minus said offset.

14. (Currently Amended) A method for the control of an apparatus to tune to a selected radio frequency signal in a range of receivable radio frequency signals to receive data carried by the ~~said~~ signal, said method comprising the steps of:

selecting the radio frequency signal to be received as that which carries data required for the generation of a user selected radio or television channel;

controlling the apparatus to tune to said selected radio frequency signal;

when tuned and the selected frequency signal is received, monitoring the bit error rate output of the data received from the selected radio frequency ~~and characterised in that~~;

continuing to receive the selected radio frequency signal if the ~~said~~ bit error rate output is the same or less than a predefined bit error rate limit ~~the apparatus continues to receive the selected radio frequency signal~~; and

introducing by control means an offset frequency value to the selected radio frequency signal if the ~~said~~ bit error rate output is greater than a predefined bit error rate limit, ~~control means for the apparatus introduces an offset frequency value to the selected radio frequency signal and operating~~

the apparatus ~~is then operated~~ to tune to a radio frequency equivalent to the selected radio frequency signal plus or minus said offset frequency value.

~~14~~ 15. A method according to claim ~~13~~ characterised in that 14 wherein upon re-tuning to the frequency including the offset frequency value, the bit error rate is monitored and if the bit error rate value is within the predefined bit error rate limit the tuner continues to tune to the frequency value including the offset frequency value.

~~15~~ 16. (Currently Amended) A method according to claim ~~14~~ characterised in that 15 wherein if the bit error rate still exceeds the predefined bit error rate limit then successive increases in the offset value are made, the apparatus re-tuned and the bit error rate re-checked at each increase and this is continued until the bit error rate is at or less than the predefined bit error rate value.

~~16~~ 17 A method according to claim ~~13~~ characterised in that 14 wherein the predefined bit error rate limit is $2e-04$.

~~17~~ 18. (Currently Amended) A method according to claim ~~13~~ characterised in that 14 wherein upon receiving a selected radio frequency signal and the bit error rate exceeding the predefined bit error rate limit, ~~an LNB~~ a low noise block down-converter provided as a part of the signal receiving apparatus is controlled to move from receiving a selected radio frequency signal within a low band frequency range to receiving a frequency located in a high band frequency range or vice versa.

~~18~~19. (Currently Amended) A method according to claim ~~17~~ 18 characterised in that the LNB wherein said low noise block down-converter is multiband or programmable and upon the bit error rate of a selected frequency signal exceeding the predefined bit error rate limit, the LNB said low noise block down-converter is controlled to receive a frequency equivalent to the selected radio frequency signal plus or minus a fixed offset frequency value.

20. (New) An apparatus according to claim 1 wherein said control means is provided in software within said apparatus.